

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-35

NPDES PERMIT NO. CA0038318

AN ORDER AMENDING ORDER NO. 74-205 TO ADOPT
AMENDED WASTE DISCHARGE REQUIREMENTS AND REVISED
COMPLIANCE TIME SCHEDULE FOR

CITY AND COUNTY OF SAN FRANCISCO, SAN FRANCISCO
INTERNATIONAL AIRPORT, SAN MATEO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. The Regional Board on December 17, 1974, adopted Order No. 74-205 prescribing waste discharge requirements and compliance time schedules for City and County of San Francisco, San Francisco International Airport, hereinafter called the discharger.
2. The discharger presently discharges municipal wastewater into an outfall which is also used by Merck Chemical Company, the cities of Burlingame, Millbrae, South San Francisco, and San Bruno.
3. The discharger has participated in a Treated Wastewater Dechlorination Study for North Bayside, San Mateo County (cities of Burlingame, Millbrae, South San Francisco, San Bruno, and San Francisco International Airport). The study concludes that the best alternative means of complying with the effluent residual chlorine limitations of participating agencies is to construct a common-use dechlorination station located adjacent to the existing joint outfall line near the Point San Bruno shoreline in South San Francisco.
4. The Board, in April 1975, adopted a Water Quality Control Plan for the San Francisco Bay Basin. The plan includes toxicity limitations for discharge into deep water and receiving water limitations for un-ionized ammonia.
5. The Environmental Protection Agency has modified the definition of secondary treatment to exclude limitations on effluent fecal coliform bacteria.
6. As lead agency for the North Bayside Dischargers, the City of South San Francisco has prepared a final Environmental Impact Report dated February 1977 for upgrading wastewater treatment facilities and for dechlorination, in accordance with the California Environmental Quality Act.
7. The project as approved by the City of South San Francisco will have no adverse effects on the environment.

8. The Board has notified the discharger and interested agencies and persons of its intent to prescribe revised requirements for the City and County of San Francisco, San Francisco International Airport.
9. The Board in a public meeting heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED that Order No. 74-205 is amended to read as follows:

A. Effluent Limitation A.1.e:

<u>Constituent</u>	<u>Units</u>	<u>Instantaneous Maximum</u>
Chlorine Residual*	mg/l	0.0

*Compliance with this limitation may be demonstrated at the point of discharge from the combined outfall to the receiving water.

B. Effluent Limitation A.3:

In any representative set of samples, the waste as discharged to the combined outfall shall meet the following limit on toxicity. The survival of test fishes in 96-hour bioassays of the effluent shall be a 90 percentile value of not less than 50 percent survival. Prior to testing, the concentration of residual chlorine in the samples may be adjusted to that of the waste in the combined outfall at the point of discharge.

C. Effluent Limitation A.1.f. is hereby deleted.

D. Receiving Water Limitation B.2.d:

"d. Un-ionized ammonia Maximum - 0.4 mg/l as N
 Annual Median - 0.025 mg/l as N"

E. Provision D.2.a:

"Compliance with Receiving Water Limitation B.2.d. shall be achieved immediately upon adoption of this Order."

F. Provision D.2.c:

"c Compliance with Effluent Limitations A.1.e and A.3:

<u>Task</u>	<u>Completion Date</u>	<u>Report of Compliance Due</u>
Submit Plans and Specifications	September 1, 1977	September 15, 1977
Advertise for bids	November 1, 1977	November 15, 1977
Commence Construction	February 15, 1978	March 1, 1978
Complete Construction	September 15, 1978	October 1, 1978
Full Compliance	October 1, 1978	October 15, 1978

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 19, 1977.

FRED H. DIERKER
Executive Officer